

# Java Programming Lab Manual

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INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

# **JAVA PROGRAMMING LAB MANUAL**

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**Editors**

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International Islamic University Malaysia**

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## Chapter 26

### Multiple Classes

**Muniba Shaikh, Zeeshan Bhatti, Asadullah Shah**

#### Abstract

As Java is majorly based on class and object structure according to Object Oriented language Principles, hence the entire code is encapsulated within a class body. Usually there is a need of creating multiple separate classes to achieve a particular task. In this experiment the students will learn how to create multiple classes and use those classes through several tasks.

#### 26.1 Multiple Classes in Java

The use of multiple classes in Java is extremely important and easy also. As there will be numerous occasions in programing where the data or information needs to be handled as a separate entity or object, so the use of multiple classes becomes eminent. The simple structure of creating multiple classes is as follows:

```
class firstClass {
    void SomeMethodd () {
        .....
    }
}

class secondClass {
    void otherMethod(){
        firstClassobj = new firstClass();
    }
}
```

- Both of the above classes can create and access the object of each other.